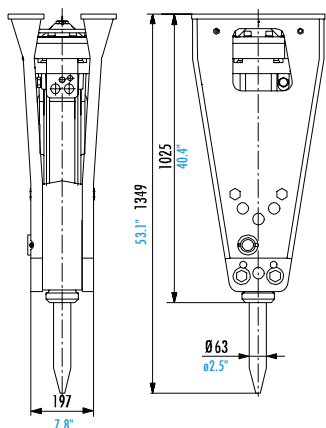


TECHNICAL SPECIFICATIONS

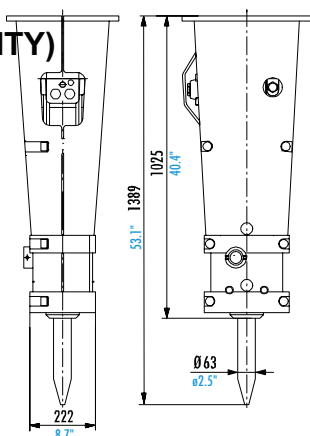
BR 623 (S 23 N, CITY and UNIRAM)

BR 623 (S 23 N)



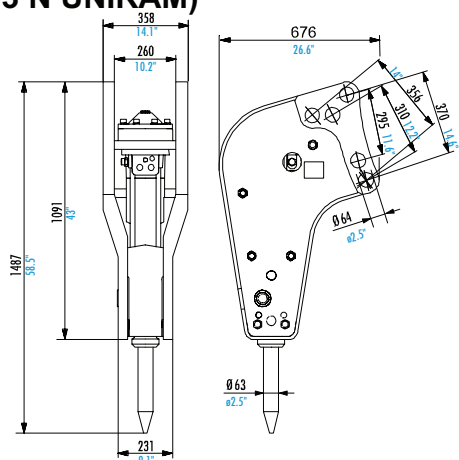
Working weight ⁽¹⁾ BR 623 (S 23 N):	300 kg (660 lbs)
Working weight ⁽¹⁾ BR 623 (S 23 N CITY):	315 kg (694 lbs)
Working weight ⁽²⁾ BR 623 (S 23 N UNIRAM):	310 kg (683 lbs)
Impact rate ⁽³⁾ :	400 - 2 000 bpm
Operating pressure, ⁽⁴⁾ :	100 - 145 bar (1 450 - 2 100 psi)
Pressure relief min ⁽⁵⁾ :	150 - 195 bar (2 175 - 2 830 psi)
Pressure relief max:	220 bar (3 190 psi)
Pressure in LP-circuit:	28 - 32 bar (406 - 464 psi)
Oil flow range:	25 - 100 l/min (6.6 - 26.4 gal/min)
Back pressure max:	20 bar (290 psi)
Max input power:	24 kW (32 hp)
Tool diameter:	63 mm (2.48")

BR 623 (S 23 N CITY)



Connections for hoses:	
■ pressure line (IN):	(BSPP) internal 3/4"
■ return line (OUT):	(BSPP) internal 3/4"
■ grease connection (G):	(BSPP) internal 3/8"
■ air connection (A):	(BSPP) internal 1/2"
Line size minimum inner diameter:	
■ pressure line:	19 mm (0.75")
■ return line:	19 mm (0.75")
Oil viscosity at operating temperature:	30 - 60 cSt
Max. allowed oil viscosity range:	20 - 1000 cSt
Optimum oil temperature:	40...60 °C (104...140 °F)
Max. allowed oil temperature range:	- 20...+80 °C (- 4...+176 °F)

BR 623 (S 23 N UNIRAM)



Carrier weight ⁽⁶⁾ :	3.0 - 6.5 ton (6 600 - 14 300 lbs)
Noise level ⁽⁷⁾ :	
BR 623 (S 23 N, UNIRAM):	25 - 40 m (82 - 131 ft)
BR 623 (S 23 N CITY):	8 - 14 m (26 - 46 ft)

- (1) Includes average mounting bracket and standard tool.
- (2) Includes standard tool.
- (3) Actual impact frequency depends on oil flow, oil viscosity, temperature, and material to be broken.
- (4) Actual pressure depends on oil flow, oil viscosity, temperature, material to be broken and back pressure.
- (5) Minimum setting = actual operating pressure + 50 bar or (+ 725 psi)
- (6) Check carrier's lifting capacity from carrier manufacturer
- (7) 85 dB(A) at distance in m or (ft).